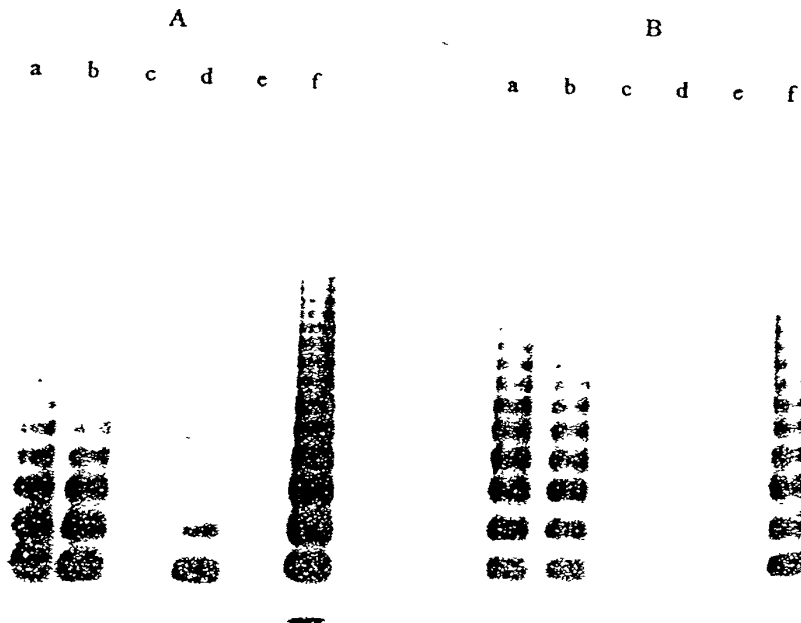


1/9

Fig. 1: vWF Multimer Analysis Before and After
 Anion Exchange Chromatography

A: +CaCl₂

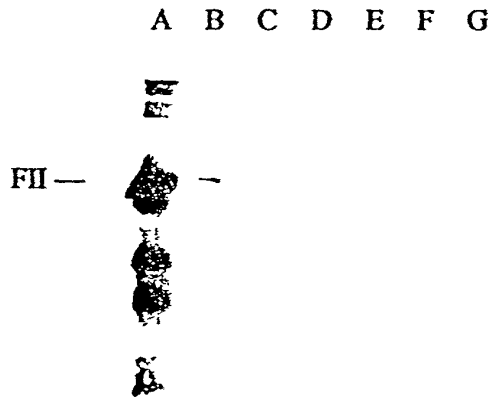
B: -CaCl₂



- a: dissolved cryoprecipitate
- b: Alu-supernatant
- c: not bound to anion exchanger
- d: 180 mM NaCl eluate +/- 10 mM CaCl₂
- e: 200 mM NaCl eluate
- f: 400 mM NaCl eluate

2/9

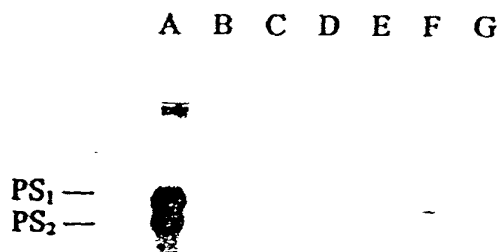
Fig. 2: Detection of Factor II in Individual Fractions
Before and After Anion Exchange Chromatography



- A: Factor II standard
- B: dissolved cryoprecipitate
- C: Alu-supernatant
- D: 180 mM NaCl eluate
- E: 400 mM NaCl eluate
- F: 180 mM NaCl/+10 mM CaCl_2 eluate
- G: 400 mM NaCl eluate

3/9

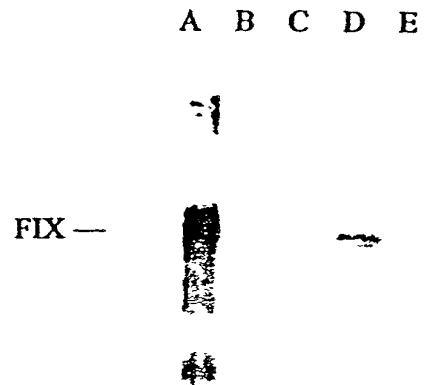
Fig. 3: Protein S in the Individual Fractions
Before and After Anion Exchange Chromatography



- A: Protein S standard
B: dissolved cryoprecipitate
C: Alu-supernatant
D: 180 mM NaCl eluate
E: 400 mM NaCl eluate
F: 180 mM NaCl/+10 mM CaCl₂ eluate
G: 400 mM NaCl eluate

4/9

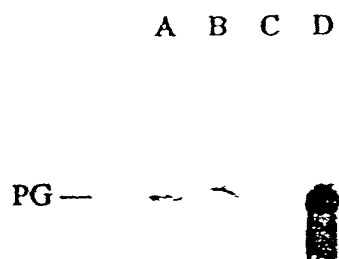
Fig. 4: Factor IX in the Individual Fractions
Before and After Anion Exchange Chromatography



- A: Factor IX standard
- B: dissolved cryoprecipitate
- C: Alu-supernatant
- D: 180 mM NaCl/10 mM CaCl₂ eluate
- E: 400 mM NaCl eluate

5/9

Fig. 5: Plasminogen in Individual Fractions
Before and After Anion Exchange Chromatography

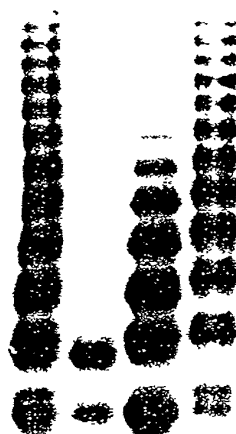


- A: Plasminogen standard
- B: dissolved cryoprecipitate
- C: 400 mM eluate anion exchanger
- D: eluate lysine-Sepharose

6/9

Fig. 6: vWF-Multimer Analysis Before and After Heparin-
Affinity Chromatography

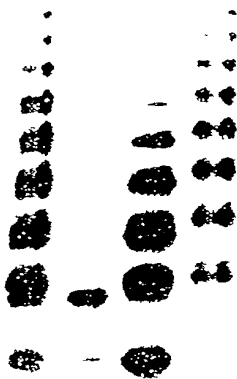
A B C D



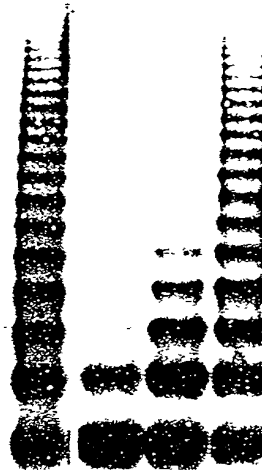
A: Starting material before heparin affinity chromatography,
B: Factor VIII/vWF-complex eluate 160 mM NaCl,
C: Factor VIII/vWF-complex eluate 230 mM NaCl,
D: Factor VIII/vWF-complex eluate 300 mM NaCl

Fig. 7: vWF Multimer Analysis of p-vWF and r-vWF Before and After Heparin Affinity Chromatography

A B C D



A B C D



I. p-vWF

II. r-vWF

A: p-vWF starting material

A: r-vWF starting material

B: p-vWF/LMW

B: r-vWF/LMW

C: p-vWF/MMW

C: r-vWF/MMW

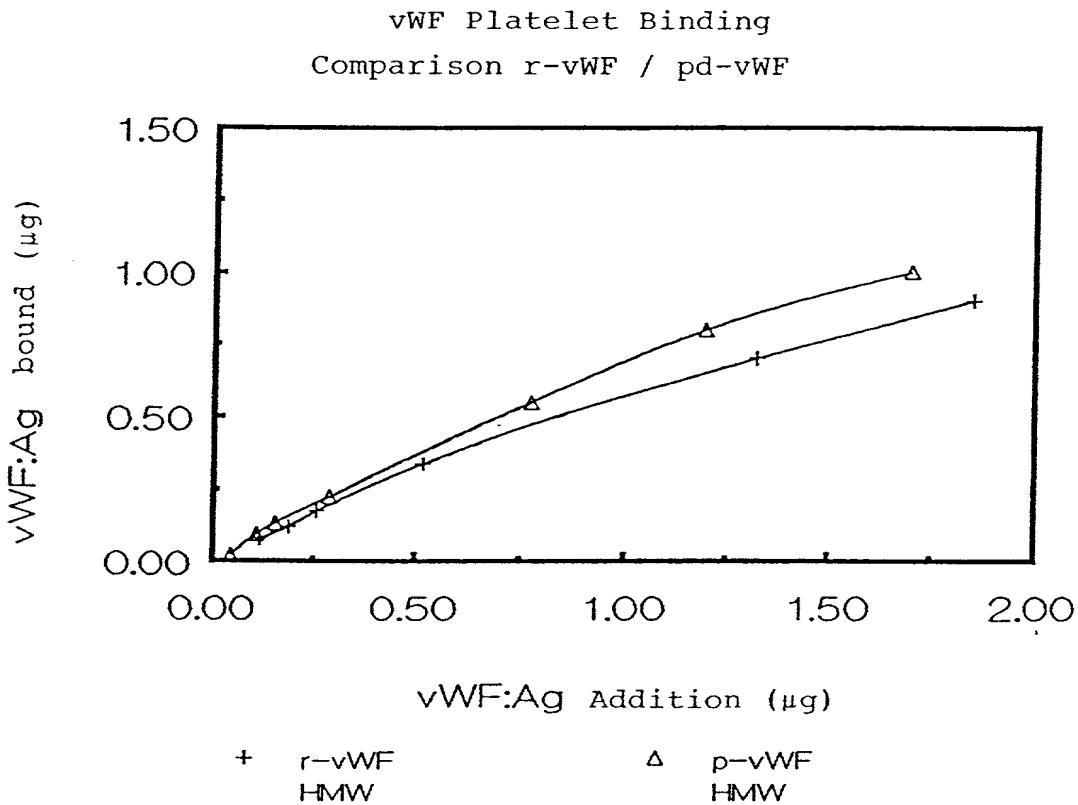
D: p-vWF/HMW

D: r-vWF/HMW

8/9

Fig. 8 Comparison of the Binding of r-vWF/HMW and
p-vWF/HMW to Platelets

Graphical representation of the amount of vWF added and
of the platelet-bound amount of vWF



9/9

Fig. 9 Binding of p-vWF/HMW and r-vWF/HMW to Platelets
and Multimer Analysis

A: p-vWF/HMW;

B: r-vWF/HMW;

a: vWF, not bound;

b: platelet-bound vWF

c: vWF starting fraction after affinity chromatography

